



1 CTAGAGCTTTTCGACTCTCCGCTGCCGCGCCAGCTGGCGGGGGGAGCAGCCAGGTGAGGCCA
61 AGATGCTGCTGCGCTCGAAGCCTGCGCTGCCCGCGCCGCTGATGCTGCTGCTCTGCGGC
M L L R S K P A L P P P L M L L L L G P
121 CGCTGGTTCCTCTCCCTTGGCGCCCTGCCCGGACCTGCCAAGCACAGGACGCTGCTGG
L G P L S P G A L P R P A Q A Q D V V D
181 ACCTGGACTTCTTCAACCAGGAGCCGCTGCACCTGGTGAGCCCTCGTTCTGTCGGTCA
L D F F T Q E P L H L V S P S F L S V T
241 CCATTACGCCCACTGGCCACGGGACCGCGGTTCTCATCTCTGCGTTCTCGAAAC
I D A N L A T D P R F L I L L S P K L
301 TTCGTACTCTGGCCAGGCTTGTCTCTCGTACCTGAGGTTTGGTGGCACCAGACAG
R T L A R G L S P A Y L R F G G G T K T D
361 ACTTCCTATTTTGCATCCCAAGAAGGAATCAACCTTTGAAGAGAGAAGTTACTGGCAT
F L I F D P K K E S T F E E R S Y W Q S
421 CTCAGTCAACCAAGATATTTGCAAAATATGGATCCATCCCTCCTGATGTGGAGGAGAT
Q V N Q D I C K Y G S I P P D V E E K L
481 TACGTTGGATGGCCCTACCAGGAGCAATTGCTACTCCGAGAACACTACCAGAAAAAT
R L E W P Y Q E Q L L L R E H Y Q K K F
541 TCAGGACAGCAGCTACTCAAGAAGCTCTGTAGATGTGCTATACACTTTTGCAAGCTCT
K N S T Y S R S S V D V L Y T F A N C S
601 CAGGAGTGAATTTGATTTTGGCTAAATGCGTTATTAAGAAGCAGCATTTTCAGTGA
G I D L I F G L N A L L R T A D L Q W N
661 ACAGCTCTAATGCTCAGTTGCTCTCTGGACTACTGCTCTTCCAGGGGTATACACTCTT
S S N A Q L L L D Y C S S K G Y N I S W
721 GGGAGTACGATTAACCTTAACAGTTTCCTTAAGAAGGCTGATATTTTCATCAAGCTCT
Z L G N E P N S F L K K A D I F I N G S
(T)
781 CGCAGTTAGGAGAGATTTATATTCAAATGTCATAAACTTCTAAGAAGTCCACCTTCAAA
Q L G E D Y I Q L E K L L R K S T F K N
(F)
841 ATGTAAGTCTATGCTGCTGATGTTGGTCAAGCTCGAAGAAAGAGCGCTAAGATGCTGA
A K L Y G P D V G Q P R R K T A K M L K
901 AAGTCTCTTAAGGCTGGTGGAGAGTGATTGATTCAAGTACATGTCATCACTACTATT
S F L K A G G E V I D S V T W H S Y Y L
961 TGATGATGATGCTACAGGGAAGATTTTCTAAACCTGATGTTTGGACATCTTGA
N G R T A C T D E F L N P D V L D I F I
1021 TTTGATCTGTGCAAAAAGTTTTCAGGTTGGTTGAGAGCACCAGGCTGGCAGAGGCTCT
S S V Q K V F Q V V E S T R P G K K V W
1081 GGTAGAGAGAACAGCTCTGCATATGGAGGCGGAGCGCCTTGTATCGGACACTTGG
L G E T S S A Y G G G A P L L S D T F A
1141 CAGTGGCTTTATGTGGCTGGATAAAATGGGGCTGTGAGCCGGAATGGGATAGAAATGG
A G F M W L D K L G L S A R M G I E V V
1201 TGATAGGCAAGTATTCTTTGAGAGCAGGAACTACCATTTAGTGGATGAAGCTTGCATC
M R Q V F F G A G N Y H L V D E N F D P
1261 CTTTACCTGATATTGGCTATCTCTTCTGTTCAAGAAATGGTGGGACCAAGGTGTAA
L P D Y W L S L L F K K L V G T K V L M
1321 TGGCAGCTGCAAGGTTCAAAGGAGGAAGCTTCGAGTATACCTTCTATGCAACAACA
A S V Q G S K G R K L R V Y L H C T N T
1381 CTGACATCCAGGTATAAAGAAGGAGATTTAACTCTGTATGCCATAAAGCTCCATAGC
D N P R Y K E G D L T L Y A I N L H N V
1441 TCACCAAGTACTTGGCGTTACCTATCTCTTTTCTAACAGCAAGTGGATAAAATGCTTC
T K Y L R L P Y P F S N K Q V D K Y L L
1501 TAGAGCTTTGGGACCTCATGGATTACTTTTCCAAATCTGTCCAACCTCATGGTCTAAGT
R P L G P B G L L S K S V Q L N G L T L
1561 TAAAGTGGTGGATGATCAAACTTGGCACCTTTAATGGAAAACCTCTCGGGCCAGGAA
K M Y D D Q T L P P L M E K P L R P G S
1621 GTTATGGGATTTGGCACTTTCTCATATAGTTTCTTGTGATAGAAATCCCAAGTTG
S L G L P A F S Y S F F V I P N A K V A

Fig. 2